

TABLE 8. COST ESTIMATES FOR ALTERNATIVE 4

ALTERNATIVE 4. BUILDING DEMOLITION, EXCAVATION, OFF-SITE DISPOSAL, AND INSTITUTIONAL CONTROLS					
COST ITEMS	QTY	UNIT	UNIT COST	TOTAL COST	
Capital Costs					
Construction Costs					
Mobilization/Demobilization	1	Lump Sum	\$10,000	\$10,000	
Building Demolition	1	Lump Sum	\$20,000	\$20,000	Includes debris disposal.
Soil sampling	20	Samples	\$200	\$4,000	
Remove DW1, DW2, ust, and drains	1	Lump Sum	\$10,000	\$10,000	
Incinerate liquid PCBs, sediments	3	tons	\$2,300	\$6,900	
Site clearing/Preparation	0.65	acres	\$10,000	\$6,500	
Excavate soils	1360	Cubic Yards	\$4	\$5,440	
Soils handling/staging	1360	Cubic Yards	\$13	\$17,680	
Laboratory confirmation	75	Samples	\$200	\$15,000	
Disposal Fee - soils	1360	Cubic Yards	\$180	\$244,800	
Backfill/soil compacting	1360	Cubic Yards	\$14	\$19,040	
Subtotal				\$359,360	
Contingency	30%			\$107,808	
Subtotal				\$467,168	
Project Management	8%			\$37,373.44	
Remedial Design	15%			\$70,075	
Construction Management	10%			\$46,716.80	
Institutional Controls					
Institutional Controls Plan	1	Lump Sum	\$5,000	\$5,000	
Deed Restrictions	1	Lump Sum	\$5,000	\$5,000	
Fences	1	Lump Sum	\$2,000	\$2,000	
Subtotal				\$12,000	
Total Capital Cost				\$633,333	
Annual O & M Cost					
Fence Maintenance	1	Lump Sum	\$1,000	\$1,000	
Subtotal				\$1,000	
Contingency	30%			\$300	
Total Annual O & M Costs				\$1,300	

PRESENT VALUE ANALYSIS

COST TYPE	YEAR	TOTAL COST	TOTAL COST/YEAR	DISCOUNT FACTOR (7%)	PRESENT VALUE
Capital Cost	0	\$633,333	\$633,333	1	\$633,333.44
Annual O&M Cost	1 - 30	\$39,000	\$1,300	12.409	\$16,131.70
TOTAL PRESENT VALUE OF ALTERNATIVE 4					\$649,465.14